PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		
OP04-1091	FOR FURTHER ACTION 25 well a	sce Form PCT/ISA/220 us, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/KR2005/000045	07 JANUARY 2005 (07.01.2005)	08 JANUARY 2004 (08.01.2004)
Applicant		(20,01,2301)
HWANG, Jae-Kwan et al		
This International search report has been propt to Article 18. A copy is being transmitted to t	ared by this International Scarching Authority the International Bureau.	and is transmitted to the applicant according
This international search report consists of a t	otal of 4 sheets.	
	y of each prior art document cited in this report	•
	y vurn prior ar doballionic onto in all gropor	<u>. </u>
language in which it was filed, unles	ernational search was carried out on the basis is otherwise indicated under this item.	
The international search this Authority (Rule 23.	was carried out on the basis of a translation of (b) .	the international application furnished to
b. With regard to any nucleotide	and/or amino acid sequence disclosed in the i	nternational application, see Box No. I.
2. Certain claims were found un	searchable (See Box No. II)	
3. Unity of invention is lacking (See Box No. III)	••
4. With regard to the title,	<u>.</u>	
the text is approved as submitted	thu the applicant	
	this Authority to read as follows:	
,		,
	2	
,		•
5. With regard to the abstract.		
	l har also amateriana	
the text is approved as submitted		
	cording to Rule 38.2(b), by this Authority as it	
may, within one month from the	date of mailing of this international search rep	ort, submit comments to this Authority.
6. With regard to the drawings.		
a. the figure of the drawings to be publi	ished with the abstract is Figure No. 6	
as suggested by the application	int.	
because the applicant failed	l to suggest a figure.	
because this figure better cl	paracterizes the invention.	
b. none of the figure is to be publis	hed with the abstract.	
· · · · · · · · · · · · · · · · · · ·		

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000045

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: 4-6 because they relate to subject matter not required to be searched by this Authority, namely: Although claims 4-6 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound.
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
•
·
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2005/000045

CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A6 IK 31/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Korean Utility models and applictions for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) STN(Registry, CA), PubMed

C. DOCUMENTS CONSIDERED TO BE RELEVANT

ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
(<u>A</u>)	WO 88/3806 A1 (CHEMEX PHARMACEUTICALS, INC.) 2 June 1988 See the whole document, especially claim 28 → ろいったかったい のにないていた ちょん	1-9
<u>(X)</u>	EP 297733 A2 (CHEMEX PHARMACEUTICALS, INC.) 4 January 1989 See the whole document	1-9
(A č	WO 03/28692 A2 (SEDERMA) 10 April 2003 See the Abstract	1-9
(A)	WO 88/1509 A1 (CHEMEX PHARMACEUTICALS. INC.) 10 March 1988 See the whole document	1-9
A	NOBUJI NAKATANI, et al., 'Diaryldimethylbutanc Lignans From Myristica Argentea and Their Antimicrobial Action Againsí Streptococcus Mutans', Phytochemistry, 1988, Vol.27, No.10, pp.3127-9	1-9

See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other
- special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other
- *P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

14 APRIL 2005 (14.04.2005)

Date of mailing of the international search report

14 APRIL 2005 (14.04.2005)

Name and mailing address of the ISA/KR



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form PCT/IS A/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/KR2005/000045

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 88/3806 A1	02.06.1988	AU 6737987 A1	16.06, 1988
EP 297733 A2	04.01.1989	US 5276060 US 5008294 US 4880637 US 4774229 OE 3775387 CO CA 1334170 A1 AT 0070449 E	04.01.1994 16.04.1991 14.11.1989 27.09.1988 30.01.1992 31.01.1995 15.01.1992
WO 03/28692 A2	01.10.2003	US 2004254245 A1 JP 2003113069 A2 FR 2830195 B1 EP 1438015 A2	16. 12.2004 18.04.2003 22.10.2004 21.07.2004
WO 88/01509 A1	10.03.1988	AU 6330486 A1	24.03.1988